

NUCLEAR DIVISION NEWS

A Newspaper for the Employees of the Nuclear Division, Union Carbide Corporation

Volume 14/Number 23

November 17, 1983



Nuclear Division, DOE sign contract extension

A contract extension has been signed with DOE to provide for Union Carbide's management of the four facilities in Oak Ridge and Paducah until March 31, 1984, when the replacement contractor will assume responsibility for their operation.

The extension also provides for Union Carbide to staff an administrative office in Oak Ridge from April 1, 1984, through September 30, 1986. The office will provide for the orderly closeout of Carbide contract affairs not associated with the functions and responsibilities that will have been taken on by the replacement contractor.

DOE has stated that it will select the new contractor by December 9. Following a three-month transition period, that organization will assume full responsibility for operating the facilities on April 1, 1984.

The three firms remaining in competition for the contract are Martin Marietta Aerospace, Rockwell International Corporation and Westinghouse Electric Corporation.

Retiree benefits

Each of the three competing firms has indicated to DOE its agreement to administer the Union Carbide fringe benefit plans applicable to employees (or their dependents and eligible survivors) who have retired before April 1. These plans include:

- the Nuclear Division's retirement

program;

- basic hospital, surgical and major/special medical plans for early retirees, survivors and spouses;
- the major medical Medicare supplement plan for retirees, survivors and spouses;
- group life insurance, both basic and supplemental, for early retirees; and
- reduced basic life insurance for retirees.

The replacement contractor will serve as contract holder with the various insurance companies for these benefit programs and will assist retirees and their survivors or dependents in administering claims arising from these programs. Current coverages and the cost-sharing arrangements between employer and employee concerning these benefits are expected to remain unchanged.

Future changes

However, if in the future, Union Carbide announces any enhancement in its pension benefits to retirees, the Corporation will, as it has in the past, notify DOE of the change. If DOE determines that sufficient funds are available and that payment would be consistent with applicable laws and regulations, it will direct the replacement contractor to make the same enhancement in pension benefits available to all employees who retired from the Nuclear Division before the changeover date.

This pension information pertains only to employees retiring before April 1, 1984. Further details, including what effect the change in contractors will have on benefits to employees joining the replacement contractor, will be announced after the selection is announced.

Employees and retirees with questions on retiree benefits should contact the Benefit Plans Office at their installations.

Question Box

Will interim period exist for benefits?

QUESTION: Will there be an interim period before the new contractor takes over when employees will learn of the benefit plans package and be able to make a decision as to whether to retire under Union Carbide or stay on with the new contractor?

ANSWER: Each contractor competing to replace Carbide as operator of the Nuclear Division has indicated in its proposal the benefit plans it will provide under the new contract. The contents of these proposals will not be divulged until the replacement contractor has been selected. DOE expects that this selection will be made by approximately December 9, 1983. When the selection is announced, the new contractor will in all probability want to communicate promptly with employees concerning changes, if any, in benefit plans. In any event, there should be adequate time before April 1, 1984 (when Carbide is scheduled to leave), for an employee considering retirement to decide whether or not he or she wishes to do so.

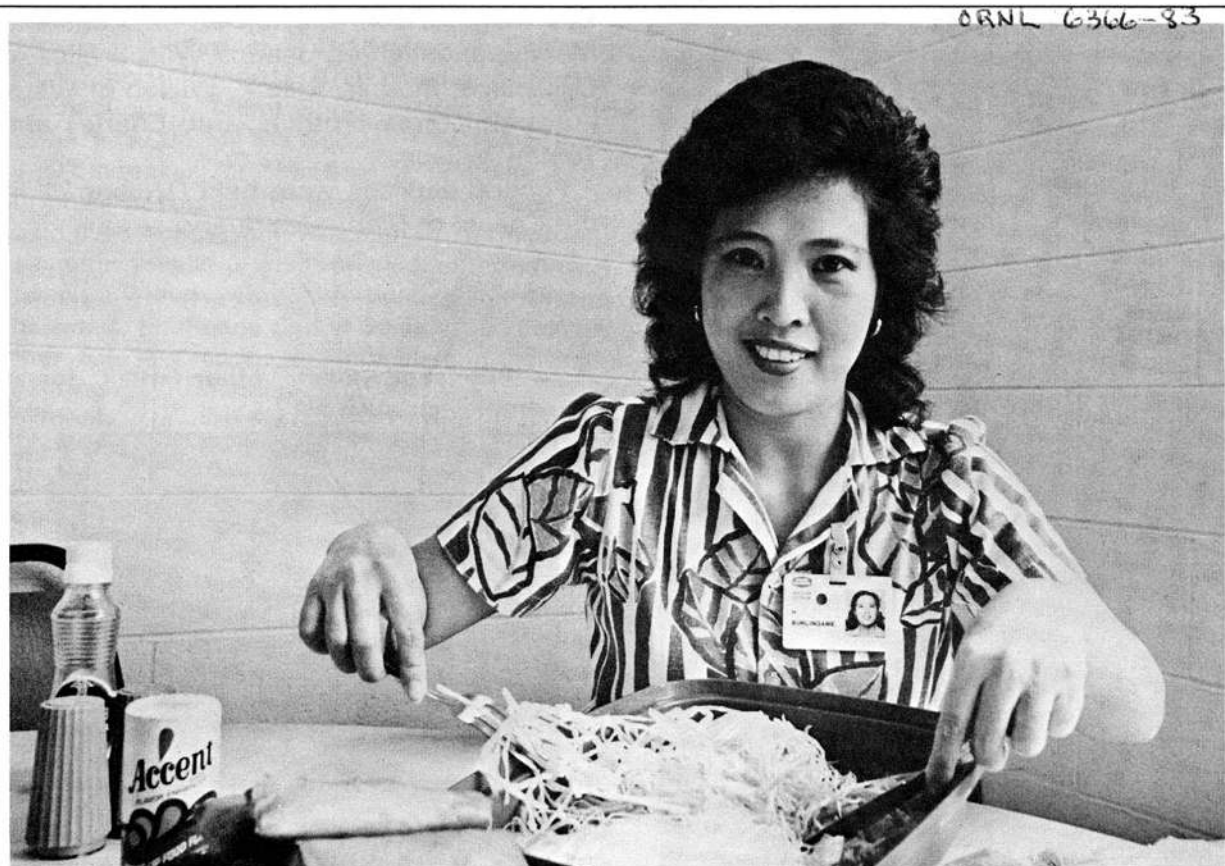
Union Carbide Stores to close December 29

Union Carbide Company Stores at all Nuclear Division installations will close permanently December 29, 1983.

The prices of all Company Store items except B&J jewelry have been reduced by 25 percent. All sales are final and are not subject to exchange or refund for any reason. B&J jewelry items will be sold at current prices.

Although customer service will continue through December 29, some items may no longer be available, because there will be no reorders for regular stock inventory. Special orders for B&J jewelry will be discontinued December 2 because of possible delivery problems.

Lists of items that have been sold out will be posted on store service counters.



IN THIS ISSUE — ORNL's Hoa Burlingame is one of eight Nuclear Division employees who contributed favorite holiday recipes for an article on page 4. A Thanksgiving feature on Y-12 chemist Charlie Washington is found on page 5.

Save Energy-Share the Ride

Y-12

NEED TO JOIN OR FORM CAR POOL from Sharp Road/Powell High School area, Powell, to West or Central Portal, 7:30-4. Sherrie Johnson, plant phone 4-2787; home phone 938-5295.

NEED TO JOIN OR FORM CAR POOL from Clinton area to Central Portal, 7:30-4. Debra Taylor, plant phone 4-2296; home phone 457-8288.

NEED RIDE OR TO JOIN CAR POOL from Sweetwater to Central Portal, 8-4:30. Gene Akens, plant phone 4-0236; home phone 337-9755.

NEED RIDE OR TO JOIN VAN POOL from Brookgreen Apartments area, Clinton, to Pine Ridge Portal, 7:30-4. Marilyn Hayden, plant phone 4-3799.

CAR POOL MEMBERS NEEDED from Beaver Ridge United Methodist Church parking lot, Oak Ridge Highway, to North Portal, 8-4:30. Bob Cooper, plant phone 4-3430; home phone 691-8411.

VAN POOL RIDERS NEEDED from Lake City and Clinton, 8-4:30. Joe Foust, plant phone 4-5889; home phone 426-2947.

BUS POOL RIDERS NEEDED from Knoxville, I-40 at Alcoa Highway (Expo Inn), 8-4:30. Joel Horton, plant phone 4-3121; home phone (Maryville) 983-9160.

CAR POOL MEMBERS NEEDED from Cedar Bluff/Middlebrook Pike area to Bear Creek Portal, 8-4:30. Gerald Russell, plant phone 4-3658; home phone 691-3475.

RIDE NEEDED from Sutter's Mill Apartments area, West Knoxville, to West or Central Portal, 8-4:30. Larry Belle, plant phone 4-3352.

VAN POOL RIDERS NEEDED from Andersonville, Norris, Clinton to any portal, 8-4:30. Charles Knowles, plant phone 4-2628; home phone (Norris) 494-9563.

NEED TO JOIN OR FORM CAR POOL from Cedar Lane area, Knoxville, to Central or North Portal, 8-4:30. George Dykeman, plant phone 6-4927; home phone 687-6657.

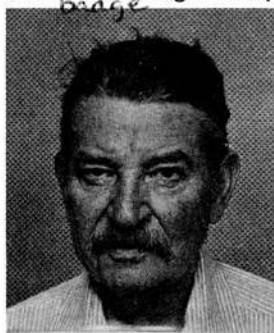
THREE RIDERS NEEDED from Harriman/Kingston area to any portal except East, 8-4:30. Bill McKinney, plant phone 4-1283; home phone 882-1827.

NEED TO JOIN OR FORM CAR POOL from Little Emory area, Harriman, "G" Shift. Doug Alred, plant phone 4-3840; home phone 882-6304.

VAN POOL RIDERS NEEDED from Hills Shopping Center, Fountain City, to any portal, 8-4:30. Jack Cox, plant phone 4-3359; home phone 687-2479.

Harry G. King Jr. dies in Oak Ridge

Harry G. King Jr., a chemist in the Y-12 Product Certification Division, died November 7 at Oak Ridge Hospital.



Mr. King

A 37-year Nuclear Division employee, Mr. King lived at 105 East Newkirk Lane, Oak Ridge. He was a World War II veteran of the U.S. Army and a member of the Masonic Lodge of Philadelphia, Tenn.

Survivors include his wife, Della Knight King; three daughters, Juanita King, Clinton, Bertha Hussey, Oak Ridge, and Susan King, Boston; a son, Harry G. King III, Knoxville; two stepdaughters, Bernice Wootton, Oak Ridge, and Patti Branson, Knoxville; two stepsons, Dan and Butch Shelton, both of Oak Ridge; three sisters, Juanita and Geneva King and Mattie Edwards; a brother, Virgil L. King; a grandson and seven stepgrandchildren.

Funeral services were conducted in the Weatherford Mortuary chapel, with burial in Tennessee Valley Memory Gardens, Claxton.

ORNL

VAN POOL RIDERS NEEDED (room for two) from West Knoxville (Cedar Springs Shopping Center, Cedar Bluff, Middlebrook Pike, Vanosdale Road, Cloth World, Kingston Pike) to any portal except South, 8-4:30. Leon, plant phone 4-5723; home phone 693-3211.

BUS POOL MEMBERS NEEDED from the Burlington area, Asheville Highway, heading in the direction of I-640, stopping at Broadway and Tazewell Pike. The next stop is Papermill and Weisgarber, then to Cloth World on Kingston Pike. The next stop, via Kingston Pike, is Lovell Heights Shopping Center, then on via Pellissippi Parkway to all portals, 8-4:30. P. R. Long, plant phone 4-4154; or Twana Taylor, 4-7281.

RIDE NEEDED from Oak Ridge Highway between Karns and Solway to East Portal, 8:15-4:45. Peterson, plant phone 4-4483; home phone 690-3989.

VAN POOL RIDERS NEEDED from East Knoxville — down Middlebrook Pike, Cedar Bluff and back down Middlebrook Pike to Pellissippi Parkway to East and West Portals, 8-4:30. A. J. Boatwright, plant phone 4-6041; home phone 970-4231.

CAR POOL MEMBERS NEEDED from Louisiana Avenue area, Oak Ridge, to any portal, 8-4:30. Frank Foust, plant phone 4-6056; home phone 483-0350.

CAR POOL MEMBER NEEDED for four-person pool from downtown Kingston to East and West Portals, 8-4:30. Steve Lindberg, plant phone 4-7857; home phone 376-3885.

CAR POOL MEMBERS NEEDED from Campbell Station Road, Farragut, to East Portal, 8-4:30. Mark Goodman, plant phone 6-6712; home phone 966-1793.

BUS POOL RIDERS NEEDED from Maryville via Highway 95, with stops in Lenoir City. Joel Horton, plant phone 4-3121; home phone (Maryville) 983-9160.

ORGDP

CAR POOL MEMBERS WANTED from Karns Community to Portals 3 or 5, day shift. Tom Lemons, plant phone 4-8159; or Loren Lund, 6-2311.

CAR POOL MEMBERS WANTED from east end of Oak Ridge to any portal, day shift. Doug Janney, plant phone 4-9448; home phone 483-1619.

RIDE NEEDED from Rockwood area to Portal 2, day shift. Mike Garrett, plant phone 4-7903; home phone 354-2348.

CAR POOL MEMBER NEEDED from West Town Mall to Portals 1, 2 or 4, day shift. George, plant phone 6-0506; home phone 690-6856.

Patent granted . . .

John Lewis Jr., Y-12, and Gilbert W. Brasell, "High Temperature Thermal Insulating Composite."

UNION
CARBIDE

Nuclear Division News

UNION CARBIDE CORPORATION
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PADUCAH
Laura Trevor, Bell 208



Y-12 RECEIVES DOE RECOGNITION — The Y-12 Plant has been specially recognized by DOE for its accomplishments in helping the Department meet its FY 1983 commitments. A plaque recognizing the Plant's "outstanding contributions" was presented recently by Don Ofte, Deputy Manager, DOE's Albuquerque Operations Office (left) to Y-12 Plant Manager Gordon G. Fee.

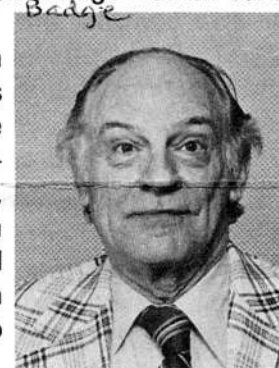
Clayton E. Wilson dies October 19

Clayton E. Wilson, an engineering inspector in the Process Support Division at ORGDP, died October 19 at the Oak Ridge Health Care Center.

Mr. Wilson served in the U.S. Army Air Corps during World War II. He joined the Nuclear Division on November 5, 1949. He was a member of Glenwood Baptist Church and an amateur ham radio operator.

Survivors include his wife, Doris Rigney Wilson, 100 Pocono Lane, Oak Ridge; a son, Clayton Jr. of Greenbelt, Maryland; daughter, Joanna Wilson Liles of Oak Ridge; mother, Mae P. Wilson of Wartburg; and three brothers, Bill, Charles and Tommy Wilson.

Funeral services were held October 22 in the Chapel of Martin Mortuary.



Mr. Wilson

Published every other week for employees such as: No #



Arlene D. Almond, General Accounting, Townsite.

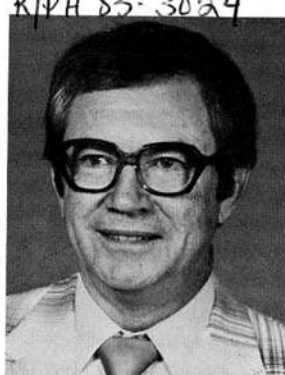
Award recipients active in many organizations



Shultz



M. Stewart



R. Stewart



Stone



Truett



Walker

(Editor's note: The final seven profiles of Nuclear Division recipients of Union Carbide Community Service Awards appear in the following story. The 37 winners were honored for their participation in "voluntary, uncompensated activities that benefit their communities." They were nominated by Nuclear Division employees and selected by committees at each facility composed of Carbide and community representatives.)

Sally J. Shultz, Y-12 — Shultz has held leadership roles in the Clinton Jayettes organizations for the past five years. She has served as vice president and treasurer and has chaired the Jayettes' efforts in various community service projects, including a Christmas party for underprivileged children, support for an adopted child, fund-raising efforts for the Jaycee Park in Clinton, support for the Area V Special Olympics, recreational activities at Camp Discovery and benefit projects for the elderly. A resident of Clinton, Shultz also has been involved in fund-raising efforts for the March of Dimes and the Juvenile Diabetes Foundation. She is a secretary in the Y-12 Metal Preparation Division.

Margaret S. Stewart, ORGDP — Stewart has been involved in the American Cancer Society and other activities for the past 10 years. She currently serves on the board of directors of the Roane County unit of the Society and has served as crusade, public-information and special-events chairman. Stewart founded and has directed the annual Roane County Talent Show, which has raised some \$35,000 for the Society. She has been a public speaker for the Society and has been involved in counseling cancer patients. Stewart, who lives in Kingston, is a member of the Kingstonettes vocal trio, which provides entertainment for civic groups, churches, nursing homes and hospitals; the Roane Choral Society; and Eastern Star. She is a reports and data clerk in the Engineering organization at ORGDP.

Ray N. Stewart, ORGDP — During the past 11 years, Stewart has been active in the Kingston chapter of Lions International and the Roane County unit of the American Cancer Society. He has served as president and held other offices in the Kingston Lions Club and was named "Lion of the Year" for Kingston and for Region 5. He was a member of the board of directors of Volunteer Blind Industries, Morristown, and has chaired Lions' efforts in light bulb sales, fruitcake sales and White Cane Day. Stewart, a Kingston resident, is a former president and member of the board of the Roane County unit of the American Cancer Society. He has served as cochairman of the Roane County Talent show. Stewart is a reproduction clerk in the Finance, Materials and Services Division at ORGDP.

Margaret J. Stone, ORGDP — Stone has been active for the past 10 years in volunteer work for the American Red Cross and the American Heart

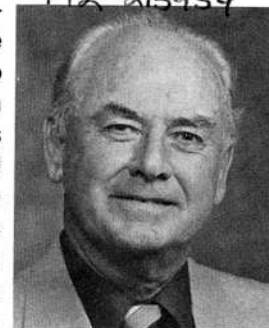
Association. She has served as an instructor in CPR and standard and advanced first-aid courses, teaching both the general public and groups including the Coast Guard, rescue squads and the Oak Ridge Fire and Police Departments. She serves on the CPR committee of the East Tennessee chapter of the American Heart Association. Stone, who lives in Oak Ridge, has served as a director and chairman for the local chapter of the American Red Cross. She is active in other organizations, including the Oak Ridge Civic Music Association, Oak Ridge Playhouse and Oak Ridge Chorus. Stone is a computer analyst in Computer Sciences at ORGDP.

Lorena F. (Tykey) Truett, ORNL — Truett has served as Girl Scout leader and has led four different 4-H clubs for six years. She also has worked with the Boy Scouts of America as merit badge counselor and assistant scoutmaster. Truett is founder, organizer and pianist for the Friendsville Community Chorus. She is active in many church and community choir programs and has written musical dramas for young people, one of which was filmed for a local educational television station. Truett, a Friendsville resident, also received an award from the Church Commission for Civic Youth Serving Agencies for her involvement with young people. She is a supervisor, technical reports, in the Information Division at ORNL.

Ed E. Walker, PGDP — Walker has been involved in various activities of the Kevil Little League for more than 22 years. In his position as

league coordinator, his duties have ranged from coaching teams to mowing and maintaining the playing field; he also maintains the concession stand and coordinates sales. He has provided financial support for the league, buying trophies himself when funds were insufficient. Walker, a Kevil resident, is a materials handler in the Finance and Materials Division at the Paducah Plant.

Glenn V. Wells, Y-12 — During his 20 years of community service, Wells has been active in the Halls Community Club, the Agricultural Extension Service and the Knox County Citizens Committee. While serving as board chairman for the Halls Community Club, he assisted in efforts to obtain new recreational facilities, including a swimming pool and ball fields. As chairman of the horse project group for the Agricultural Extension Service, he serves as an instructor and judge at area horse shows. Wells is a board member of the Knox County Citizens Committee and has received the Halls Community's Man of the Year Award and the Sertoma Community Service Award. A department head in Y-12's Product Certification Division, he lives in Knoxville.



Wells



PGDP CONTEST WINNERS — Fire Prevention Week at the Paducah Plant culminated with a drawing for fire extinguishers and cameras. Winners included, front row, from left, Jan Dew, Shirley Rudolph and Phyllis Hester. On the back row are Charles Burdette, Ezekiel Murphey, Dale Melugin and Edwin Parham.

Division employees share favorite holiday recipes

In many households, the traditional "Thanksgiving dinner" is the year's culinary highlight, with family members bringing favorite dishes for the feast. For this special article, we asked employees from the four Nuclear Division facilities to share some of their favorite holiday recipes, traditional or otherwise.

Gene Larson, Engineering organization at PGDP, offered this recipe for a slightly different way to prepare sweet potatoes.

Sweet Potato Souffle

3 c. mashed sweet potatoes 1 tsp. orange flavoring
1/2 c. Pet milk 1/2 tsp. salt
1/3 c. butter 2 eggs
1 c. sugar

Mix together and pour into well-greased 3-4-qt. baking dish and top with the following:

Topping

1 c. brown sugar 1 c. chopped pecans
1/3 c. flour 1/3 c. melted butter

Mix sugar and flour; add nuts and butter and pour over potatoes. Bake at 350° for 35 min. Add a little cream to mixture before baking, if potatoes are too thick.

An employee in the Engineering organization at Y-12, **Jeanne Groppe Pendleton**, contributed a recipe for holiday stuffing from her mother's collection.

Stuffing

8 bread slices 1/4 tsp. pepper
Small onion 1 egg
1/2 tsp. salt 1/3 c. milk
3/4 tsp. sage 1/3 c. butter

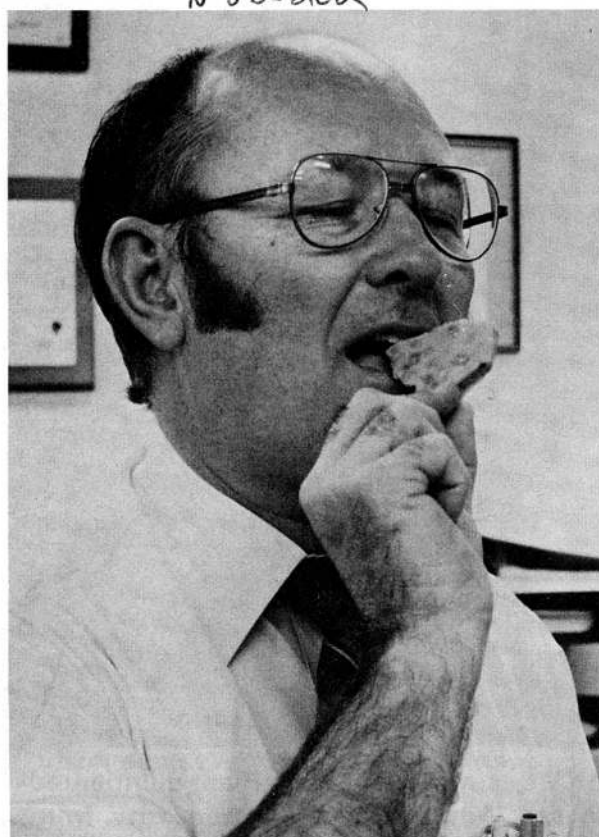
Mix ingredients well. Bake in 350° oven with poultry for 1 hr.

Homer Moss of the Health, Safety and Environmental Affairs Division at Y-12 said he began to learn to cook at about the age of nine. "By the time I was a teenager, I could cook anything," he said. "And later, I served in food services in the military." The former mess steward loves to make candy, and his peanut brittle is a holiday favorite.

Peanut Brittle

1-1/2 c. sugar 1 c. raw peanuts
1/4 c. hot water 1/2 tsp. soda
1/2 c. light Karo syrup

Boil sugar, water and Karo until it spins a thread. Pour in peanuts and cook (at approximately 250°) until peanuts are done. Add soda, stir quickly and pour immediately onto buttered pan or aluminum foil. Break apart when mixture has cooled.



Homer Moss



Malinda Yager

For anyone who prefers a change from the traditional jellied cranberry sauce, **Malinda Yager** of the Employee Relations Division at ORGDP suggests a cranberry salad.

Cranberry Salad

1 c. ground raw cranberries 1 c. chopped pecans
1 c. ground raw apples 1 c. hot water
1 c. crushed pineapple 1 pkg. strawberry gelatin
1 c. sugar

Mix hot water and gelatin and let cool (but not thicken). Grind berries and apples in blender (don't over-grind). Add fruits and other ingredients to gelatin. Refrigerate until set.

Hunting is a time-honored tradition for many Southerners. For **Luci Bell** of ORNL's Information Division, it constitutes a "sacred rite" where she grew up in the swamps and pine woods of northern Florida. She and her husband **Jim**, of the ORNL Chemical Technology Division, and their two children enjoy a Thanksgiving feast at her brother's farm in Florida. "During the October and November hunting season, my brother and nephew 'harvest' as many doves and quails as they can for the big family wild-game-bird dinner," she explained. The frozen birds (and any additional ones gathered by the hunters on Thanksgiving morning) may be prepared as follows:

Fried Dove or Quail

Soak birds in vinegar water for tenderization. Salt birds, pepper generously and coat with whole-wheat flour. Dry for 1 hour on racks or waxed paper. Then deep-fry to a crisp golden-brown.

Hoa Burlingame, a native of Vietnam, described how Thanksgiving (spelled "Le Ta On" in Vietnamese and observed in July) is celebrated in her country. "A large family or wealthy business owners will go in together and buy a whole barbecued pig. The chopped pork is served on a huge table decorated with flowers, and a prayer of thanksgiving is offered," said Burlingame, of ORNL's Employee Relations Division. The barbecued pig (or duck) usually is served with egg rolls, rice cakes, chicken salad and sour bean sprouts. Burlingame's favorite egg roll recipe follows:

Vietnamese Egg Rolls

1 lb. pork, chicken or shrimp, shredded 1/3 tsp. chopped onion
1 lb. carrots and Pinch of Accent seasoning
1 lb. cabbage, shredded 2 chopped green onions
2 tbsp. sesame oil 2 oz. bean thread noodles
1/3 tsp. salt and pepper (let stand in water for 15 min.)

Cook shredded meat (about 5 min.), place in large bowl and mix, using hands. Roll mixture in egg roll skin using the instructions for folding egg rolls given on the package. Deep-fat fry egg roll mixture in cooking oil for about 5 min.

The following recipe for rich Italian cream cheese cake was provided by **Clara White** of the Health, Safety and Environmental Affairs Division at ORGDP.

Italian Cream Cheese Cake

1 stick margarine 1 c. buttermilk
1/2 c. shortening 1 tsp. vanilla
2 c. sugar 1 c. coconut
5 egg yolks 1 c. chopped pecans
2 c. sifted flour 5 egg whites, beaten
1 tsp. soda

Blend margarine, shortening and sugar with electric mixer. Add egg yolks, one at a time. Sift flour and soda together and add alternately with buttermilk. Add vanilla, coconut and pecans. Fold in egg whites. Put in greased or floured cake pans. Bake at 350° for 30 to 35 min.

Frosting

8 oz. cream cheese 1 box confectioner's sugar
1/2 stick margarine 1 tsp. vanilla

Blend cream cheese and margarine with mixer. Add sugar and vanilla; beat well. Wait until cake has cooled completely before frosting.

Josie Latterman of the PGDP Maintenance Division provided this rather unusual recipe for hot Mexican cornbread.

Hot Mexican Cornbread

1-1/2 c. self-rising meal 1 jalapeno pepper, chopped
1 c. milk 1 small green pepper, chopped
2/3 c. oil
2 eggs 2 lbs. ground beef
1 small can cream-style corn 1/2 lb. cheese (of your choice)
1 large onion, chopped

Mix first eight ingredients. Pour half of batter in 10-in. skillet or oblong Pyrex dish, and spread browned hamburger and grated cheese over batter. Pour remaining batter over hamburger and cheese. Bake at 350° for 40 min.



Josie Latterman

Thanksgiving to be special for Charlie Washington

Thanksgiving, a day traditionally set aside to appreciate one's blessings, both great and small, promises to be a particularly meaningful holiday this year for Y-12's Charlie Washington.

Washington, a 47-year-old chemist in the Development Division, underwent a heart transplant March 27, after lying near death for several weeks. He had suffered a massive heart attack in September 1982, after having no previous heart problems.

"My attack came as a total surprise," Washington said. "I had never had any problems. In fact, I had just undergone an extensive physical exam about two weeks before," he added.

After the September attack, Washington was examined by several cardiologists and told that 40 to 60 percent of his heart's pumping capacity had been damaged. The physicians' opinions varied as to his best alternative for recovery. Some felt that coronary bypass surgery might not help, but others recommended it. "Because I wanted to do some living, rather than just existing, I decided to have the bypass surgery," Washington explained, so he was admitted to the Alabama Medical Center in Birmingham in January.

For the first week after the seven-bypass operation was completed, Washington said he felt some improvement in his general health. "A few weeks later, though, I began to feel progressively worse," he said. "Before the surgery, I could walk a mile at a fairly brisk pace with no angina pain. After the bypass operation, the pain was constant, due to circulatory problems. I was virtually eating nitroglycerin tablets, I had very severe stomach pains, and my skin was literally dying. I also began to awaken during the night and gasp for breath. I could not sleep lying down but had to sit up and rest my head on a desk," the 11-year Nuclear Division employee recalled.

Tests revealed that four of the seven bypasses were blocked.

As a result of these conditions, he was forced to return to the Alabama Medical Center. Tests revealed that four of the seven bypasses were blocked. His condition continued to worsen, as his breathing problems increased and his blood pressure dropped dangerously. At this point, Washington's doctor suggested that any family members who "wanted to see him alive" be called to the hospital. His brother and sisters joined his wife Eva, daughter Charlotte and sons Charles Jr. and Samuel at his bedside.

"I became resigned to the fact that I would die if I didn't get better in four or five days; my family knew it too," he recalled. "Family members conferred with the doctors, and it was agreed that a

transplant was my only chance for survival," he said. Washington's name was placed on a computer list transmitted to the 12 trauma centers throughout the United States where heart transplants are performed. Two days later, word came from Houston's Texas Heart Institute that his case had been accepted for evaluation.

By this time, his condition had deteriorated even further, and doctors received permission from the Food and Drug Administration to use an experimental drug in an attempt to stabilize his blood pressure. While the drug was being administered, his family was notified that he could be admitted to the Houston hospital and would be flown there immediately by private plane.

Birmingham hospital staff members prepared him for the flight to Houston. "The seriousness of my condition was again brought home to me as I saw all the nurses and other staff members crying as I was being rolled out of the hospital," Washington recalled. "As I heard one lady praying for me, I thought, 'These people think they'll never see me again, that I won't make it,'" he said.

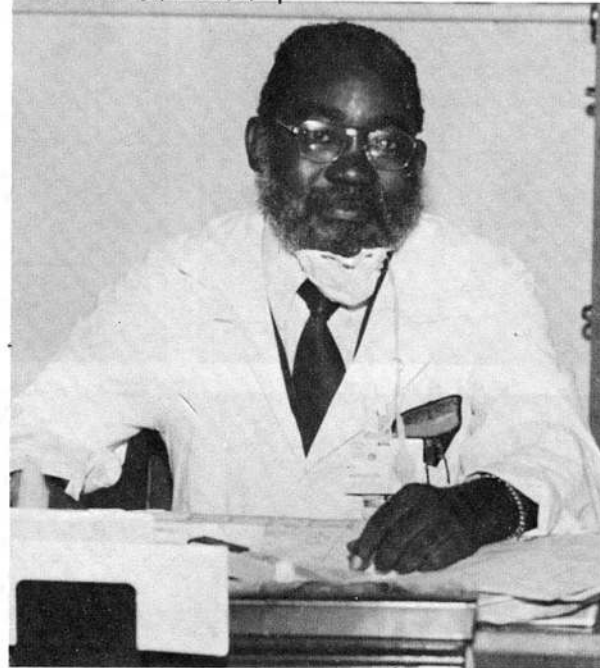
Washington arrived in Houston in a nearly comatose state, weighing only 130 pounds.

Washington was taken to the Birmingham airport and put onto the plane along with life-support equipment and special personnel. His condition was so critical that his wife, who was waiting to take a commercial flight, was told to watch the plane take off. "If the plane goes straight up, it means his vital signs are good and we're going on. If we veer to the right or left, we've lost him," medical officials told her. As the flight headed skyward toward Houston, Charles Jr., waiting with his mother, exclaimed, "Boy, Daddy must have tricks he hasn't even used yet!"

Washington arrived in Houston in a nearly comatose state, weighing about 130 pounds (some 80 pounds below his weight before his attack). A nephew who lives in Houston had been warned of the extent of his deterioration but was still shocked when he saw his uncle at the hospital. Washington's condition continued to worsen, and drugs seemed to bring him no relief. At one point, a young resident physician noted that the patient's condition seemed to stabilize whenever his wife was present, so a bed was brought in for Eva, who stayed for the duration. She was constantly told by the doctors, however, "Don't get your hopes up; you could lose him at any time."

Washington said that the whole idea of a transplant had not been too appealing to him in the beginning and that he had considered other transplant recipients "somewhat odd." After realizing that transplant surgery was his only alternative,

4-12 217397



TAKING PRECAUTIONS — Washington must wear a surgical mask when around groups of people in order to prevent infection.

however, his attitude changed, and the anxious waiting period for a suitable donor heart began.

On March 20, a heart became available, but another patient was considered a better "match." The Washington family continued to wait and hope, realizing that each passing day was critical. Washington related that his wife, at one point, asked, very seriously, "Doctors, can I buy a heart?"

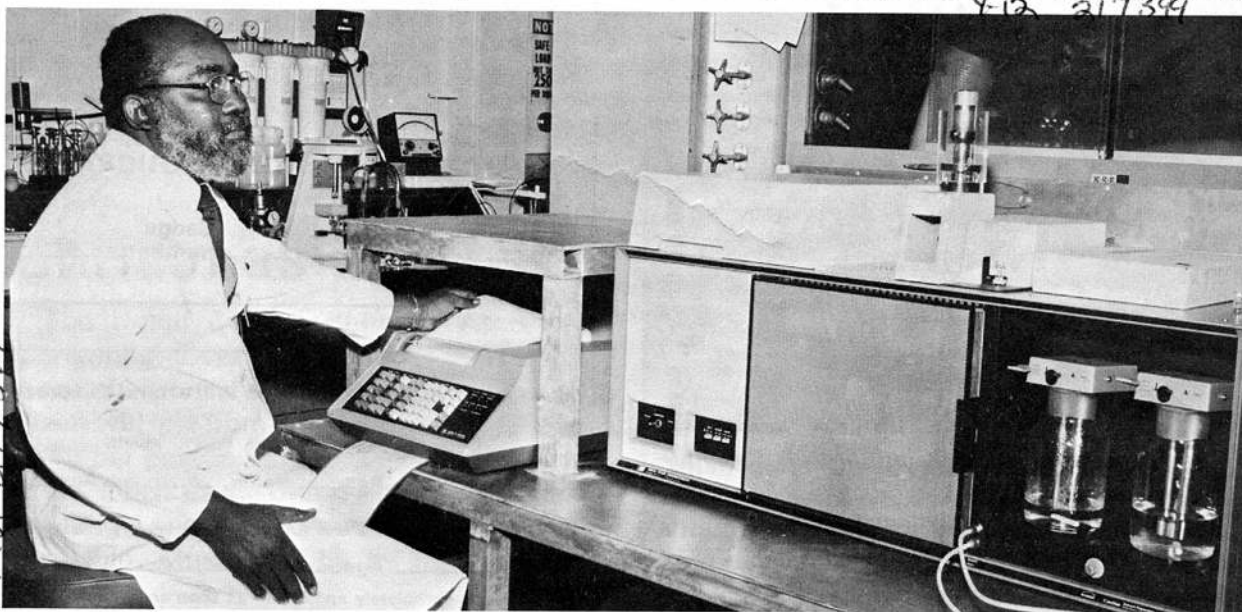
On March 27, the heart of an 18-year-old man declared brain-dead after an accident became available. Washington and another patient were tested for compatibility, and, after medical personnel drew "what must have been gallons of blood" and performed tissue-matching tests, the Y-12 employee was termed the more compatible match. Although Washington was running a temperature of 105 degrees, his records showed that he had a previous history of running only brief fevers, so it was hoped that it would drop soon. Dr. Denton Cooley, renowned surgeon and head of the eight-member operating team, made the decision to "go with Washington."

The transplant operation required only 75 minutes.

At the beginning of the transplant operation, which required only 75 minutes, Washington said he actually was conscious, although unable to feel anything. "About the time I decided I would observe the surgery in the ceiling mirrors, the anesthesiologist noticed that I was awake and quickly administered more anesthesia," Washington said. Observers later described seeing his heart literally "fall apart" as it was removed from his body. The donor heart was implanted and began to pump on its own, with no stimulation.

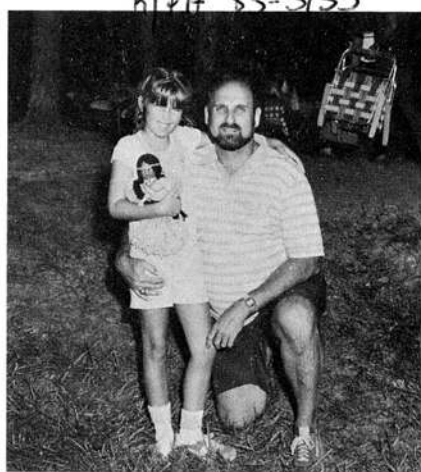
"The following day, I actually felt no pain," Washington said, "a sensation that I had not experienced in many months. That night, I wanted to try to stay awake, just to be sure that my new heart wouldn't stop beating. By the third day, they removed some of the tubes and equipment and actually let me put my feet on the floor. What a feeling!"

Washington said he was surprised to find that, after the surgery, he didn't feel like a "an oddity" at all. He said he knows practically nothing about the donor (the Houston hospital does not release that sort of information), but he definitely feels grateful for the gift that has brought him another chance at life.



BACK ON THE JOB — Washington is back at work as a chemist in the Y-12 Development Division.

(Please turn to page 8)



K-25 HOOTENANNY 1983 — Approximately 650 people attended the recent K-25 Hootenanny at Clark Center Recreation Park. Activities included a crafts fair, softball tournament (won by the Computer Sciences team), music by the Roane County Travelers and the Tennessee Air National Guard Band and a demonstration by Bill Wyatt and his border collies. Participants enjoyed a barbecue dinner prepared by a team of ORGDP "chefs."

Nuclear Division bowling news

Union Carbide Monday Mixed...

The 3 Tall-1 Short gained the lead in the Union Carbide Monday Mixed League, just ahead of the Pacesetters and Charlies Angels. Individual highs were posted by Rudolph Long, 586 scratch series; Paul Armstrong, 242 scratch game; and Pat Thompson, 583, 246 scratch series and game.

KYX Monday Men's...

The Challengers took the lead in the KYX Monday Men's League, followed by Dynamics and Elwood's Chargers. Recent highs were rolled by Dave Cardwell, 721 handicap series; and Roger Barnett, 288 handicap game.

K-25 Tuesday...

The City Slickers still lead the K-25 Tuesday League, followed by the Road Runners and All Stars. L. C. Hensley rolled 573 for high scratch and handicap series; and F. M. Clouse and T. E. Zava scored 213, individual handicap games.

UCC Mixed...

The No-Names hold the lead in the UCC Mixed League, followed by the Pacesetters and Topsy Turtles. Highs were rolled by Ernest Wilkerson, 687, men's handicap series; and Ellen Queener, 709, women's handicap series and game. Individual men's game highs were posted by Bob Adams, 274.

Carbide Family Mixed...

Oops gained the lead in the Carbide Family Mixed League, with a tie between Hits & Misses and Rowdy Rollers. David Foster rolled high series and game with 732, 297; and Patty Reece 678, 259.

Carbide Lenior City...

The Pin Busters continue to hold the lead in the Carbide Lenoir City League, trailed by Papaw's Bunch and the Odd Balls. Jack Packett led the men with a 576 series. High games were rolled by Carroll Lawson, 234 and Linda Robinett, 208.

Carbide Wednesday Men's...


The Operators took the lead in the Carbide Wednesday Men's League, followed by the ???'s and Alley Rads. Bull Atkins posted individual high with handicap game 301 and series 734.

Y-12 Classic League...


Pendulum gained the lead in the Y-12 Classic League, trailed by the Ridgers and Has Beens. Highs were rolled by Charles Atkins, 758 handicap series; and George Cantrell, 311 handicap game.



LEFT ONE PIN STANDING — Charles Atkins of the Carbide Wednesday Men's League recently bowled a 299 game at Tri-County Lanes. The only pin left standing was presented to Atkins as a reminder. He rolled a 721 series and has had three series scores this season of over 700. His average currently is 206.



Ticket Application for Oak Ridge Christmas Parties



For children of
Union Carbide employees
(Ages 2-10 only)

Saturday, December 17

Employee's name _____

Home address _____

City _____ Zip _____

Plant address _____ Mail stop _____

Number of tickets (children's) _____

(adults) _____

Check time preferred

9 a.m. _____ 11 a.m. _____ 1 p.m. _____

Please mark first and second choice (write in space "1" or "2"), as only a limited number of tickets will be issued for each party. Preference will be given to early applicants and, if tickets for first choice are exhausted, tickets for second choice will be issued. Return this form promptly to the Carbide Recreation Office, Building 9109, Mail Stop 2, Y-12 Plant. Please apply for tickets before December 14.

Paducah Plant names championship netters

Top finishers by category in the recent PGDP tennis tournament included:

Advanced Singles — Mark Trail, Harold Coleman and Erskin Bennett.


Advanced Doubles — Mark Trail and Mike Holloway; Harold Coleman and Erskin Bennett.

Division A Singles — Tony Hudson, Johnny Hollis and Doug Thompson.


Division A Doubles — Bill Brucker and Al Branham; Sandy Trail and Terris McClain; Jim Wood and Dennis Jessup.

Senior Division — Bill Brucker, Gary Long and Al Branham.

Women's Singles — Sandy Trail and Terris McClain.



Ticket Application for Paducah Christmas Party



For children of
Union Carbide employees
(Ages 2-9)

Saturday, December 10, 9 a.m.
(Doors will open at 8:30 a.m.)

Arcade Theatre, Paducah

Employee's name _____ Badge number _____

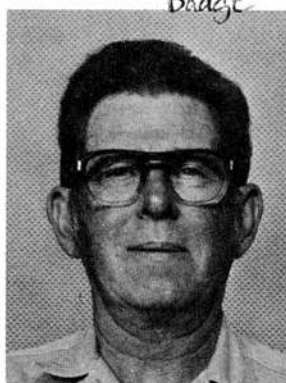
Home address _____

Number of your children who will attend the party (please list)

(Boys)	(Girls)
Name _____ Age _____	Name _____ Age _____
Name _____ Age _____	Name _____ Age _____
Name _____ Age _____	Name _____ Age _____

Fill out form completely and return as soon as possible to the Recreation Office, Union Carbide Corporation, P.O. Box 1410, Paducah, KY 42001. Tickets will be mailed to parents at their home addresses.

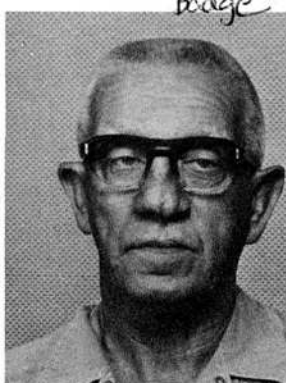
Nuclear Division Service Anniversaries



George D. Davis
Chemical Technology
ORNL
40 years



John W. Loy
Plant and Equipment
ORNL
40 years



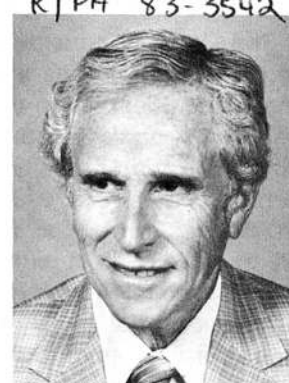
Dayton C. King
Operations
ORNL
40 years



John C. Ezell
Fusion Energy
ORNL
40 years



Jesse L. Heatherly
Product Certification
Y-12
40 years



Seymour A. Levin
Operations Analysis
and Planning
ORGDP
40 years

ORNL

40 YEARS

Roy E. Lee, Plant and Equipment.

35 YEARS

Donald E. Spangler, Fuel Recycle.

30 YEARS

Frank E. Morris, Plant and Equipment.

25 YEARS

Albert S. Garrett Jr.

20 YEARS

Darrell J. Nelson.

ORGDP

35 YEARS

Diamond S. Napolitan, Process Support.

30 YEARS

Louis T. Birdwell, Engineering; James R. Browning, Process Support.

25 YEARS

Helen B. Lane.

Y-12

35 YEARS

George E. Isham, Assembly; and Charles R. Melhorn, Security, Plant Protection and Utilities.

30 YEARS

Lake M. Ledford and Henry J. Tyl, Product Certification; James W. Leinart, Kenneth B. McNabb and Claude J. Foxx, Finance, Materials and Services; Ralph R. Moore, Anen R. Brown, James O. Overton and Edward E. Hickman, Fabrication; Harry E. Shatley, Metal Preparation; Joseph E. Boland, Mack L. Petty and Sam F. Russell, Maintenance; and Edwin E. Spradlin and Charles G. Wilson, Security, Plant Protection and Utilities.

20 YEARS

David A. Jones, Donald R. Lawrence and Jack M. Jones.



These retirees enjoyed last year's Christmas party.

Christmas party set for Carbide retirees

The Union Carbide Retirees' Association Christmas party is planned for Thursday, December 8 at the Oak Ridge Elks' Club. The event will last from 8 p.m. until midnight; cost is \$3 per person.

The ORNL Credit Union will help provide the evening's snacks, and a cash wine bar will be available. Music will be by the Back Door Band.

Only 200 reservations will be accepted. For reservations, call Don or Ann Matlock, 483-

6733, or the UCRA office at 576-1786. Requests also may be mailed to the UCRA Office, P. O. Box 3501, Oak Ridge, 37830.

In other UCRA news, Neal and Athala Dow will coordinate the volunteer workers for the Medic blood drive at Y-12 December 6-9. Call the Dows at 482-2716 to volunteer for full or half days (8 a.m. to noon and noon to 4:30 p.m.). Nurses who are interested in volunteering may contact the UCRA office.



Richard S. Lord
Physics
ORNL
40 years



Wilburn W. Welchel
Metal Preparation
Y-12
40 years

PGDP goose and duck hunt

PGDP sportmen who enjoy goose and duck hunting may utilize a blind at Renfrow hunting ranch. Five employees per day may hunt from December 23 through January 31. To register, indicate your preferred dates on the entry form and return to C-100 Recreation Office by November 30.

Employee's Name _____ Bldg. _____

Bell Phone _____ Pax _____

Home Phone _____

Mark 1, 2, 3, 4 and 5 for first, second, third, fourth and fifth hunting date preference:

December	23	January	5	January	19
	24		6		20
	25		7		21
	26		8		22
	27		9		23
	28		10		24
	29		11		25
	30		12		26
	31		13		27
			14		28
January	1		15		29
	2		16		30
	3		17		31
	4		18		

Metal Preparation plans dinner/dance

Employees, retirees and friends of the Y-12 Metal Preparation Division are invited to a Christmas dinner/dance Saturday, December 3, at the Oak Ridge Country Club. The event will include a cash bar, buffet dinner and dance. Dinner will be served from 7 to 8:30 p.m., and the dance will begin at 9. Cost is \$10 per person, and door prizes will be awarded.

Checks should be payable to the Y-12 Metal Preparation Division Recreation Committee and sent to Teresa Ault (4-2118), 9212, MS-2, by November 28. Call Ault or Jim Villarreal (6-6530) for more information.

Special Thanksgiving

(Continued from page 5)

The Oak Ridge resident had to remain in Houston for three months after the surgery for treatment and observation on an outpatient basis. He continues to take large quantities of cyclosporine A, a new immuno-suppressive drug to help prevent rejection. As a result, he must wear a surgical mask when around two or more people and must try to avoid contact with small children, to lessen the risk of infection. He also must undergo an endomyocardial biopsy (a microscopic examination of a very small piece of the heart) every six weeks to determine the rate of tissue deterioration.

A recent test showed some abnormal cells, apparently nothing unexpected at this stage, but Washington's doctors have advised him to get plenty of rest and relaxation during the next few months. He plans to do just that, enjoying his hobbies of writing, electronics and fishing. He also walks about two miles each day or, in inclement weather, exercises to a "Jazzercise" record.

"It's amazing how a person's priorities are reordered after going through something like this," he said. "The first time my son wheeled me out of the Houston hospital, back in mid-April, just being able to see and touch a leaf literally brought tears to my eyes. I can hardly remember now why certain things used to be important to me. I also have a feeling of calmness and self-satisfaction that I never experienced prior to the surgery," he said.

He also expressed appreciation to his friends, fellow workers and many others in the Oak Ridge community. "People have been so supportive in every possible way. I feel a great sense of gratitude and pride toward the whole community," he added.

As a result of his experiences, Washington said he and his family are much closer than ever before. "We're spending much more quality time together, and I now feel that I'm a friend as well as a father to my children," he said. The Washingtons plan to join this year for what will undoubtedly be a very special holiday reunion. After all, not many families can claim a 47-year-old patriarch "with an 18-year-old heart."

— C.R.L.

Correction . . .

The obituary on Y-12 employee Claude A. Boyd that appeared in the November 3 issue of *Nuclear Division News* incorrectly identified Mr. Boyd as an engineer in the Engineering organization at Y-12. He was a supervisor in the Fabrication Division. The *News* regrets the error.



PARTICIPANTS IN Y-12 FIRE PREVENTION WEEK PROGRAM — As part of the Plant's recent observance of Fire Prevention Week, several informational displays and a videotape, "Fire: We Can Handle It," were available to employees. The informational displays, shown at various Plant portals, included poster boards, fire-alarm systems, sprinkler systems, halon extinguisher systems and a display of the Plant's mobile equipment. Members of the Y-12 Fire Department also were on hand to demonstrate the equipment and answer questions. The informational displays were developed as a result of the efforts of the "Ring of Fire" pride circle. Among those Fire Department staff members involved in planning and assisting with the displays were, from left: Lt. James E. Roop; Willie F. Pettus Jr., fire truck operator; Lt. Everette R. Strange; Jeffrey B. Jolly, fire truck operator; Don F. McCarthy, fire protection engineer; David L. Graham, fire protection inspector and chief union steward; Wallace W. Coker, fire truck operator; Stanley R. Burney, fire protection inspector; William H. Anderson, fire protection inspector; and Chief Don W. Burney.

Medic blood drive scheduled for Y-12

Medic will conduct another blood drive at the Y-12 Plant December 6, 7, 8 and 9 in the large conference room at the cafeteria, Building 9711-5.

Hours for the drive are: December 6, 8 a.m.-4:45 p.m.; December 7, 6 a.m.-4:45 p.m.; December 8, 4 a.m.-4:45 p.m.; and December 9, 8 a.m.-4:45 p.m.

George Yarborough of Security, Plant Protection and Utilities is serving as drive chairman, and George Gregory of the Fabrication Division is cochairman. "We'd like to encourage as many employees as possible to participate in the December drive," Yarborough said, adding that blood supplies often fall dangerously low during the holiday season.

Once again, Union Carbide retirees will assist at the drive. Retired Y-12 employees

Neal and Athala Dow are serving as volunteer coordinators.

ORNL division renamed

The ORNL Industrial Safety and Applied Health Physics Division recently was renamed the Environmental and Occupational Safety Division to more accurately reflect the division's responsibilities and duties in directing the Laboratory's safety and environmental efforts.

Special News deadline

Because of the Thanksgiving holidays, the deadline for the next issue of *Nuclear Division News* is Monday, November 21. The issue will be dated December 1.

Safety Scoreboard

Time worked without a lost-time accident through November 10:

Y-12 Plant.....	212 Days	8,135,000 Employee-Hours
ORGDP	178 Days	3,867,000 Employee-Hours
ORNL	106 Days	2,360,143 Employee-Hours
Paducah.....	1,199 Days	9,388,322 Employee-Hours

SAFETY TIP: Teach your school-age children to be extremely careful when crossing the street to get to the bus, and after getting off the bus. The AAA also advises that children wear bright clothing that is easily visible to the bus driver and other motorists.

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